



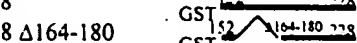
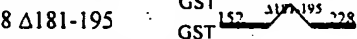
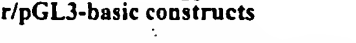
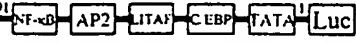


1/14

(a) hLITAF/pGEX4T-1 constructs

1. hLITAF aa 1-228 
2. hLITAF aa 1-75 
3. hLITAF aa 1-151 
4. hLITAF aa 76-151 
5. hLITAF aa 76-228 
6. hLITAF aa 152-228 
7. hLITAF aa 152-228 Δ164-180 
8. hLITAF aa 152-228 Δ181-195 

(b) hTNF-α Promoter/pGL3-basic constructs


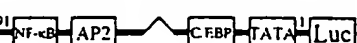


1. wt TNFP-pGL3basic (-991 to 1) 
2. mtTNFP1-pGL3basic (-991 to 1 Δ-515 to -511) 
3. mtTNFP2-pGL3basic (-550 to -487 plus TATA box) 
4. mtTNFP3-pGL3basic (-550 to -487 Δ-515 to -511 plus TATA box) 

FIG. 1

2/14

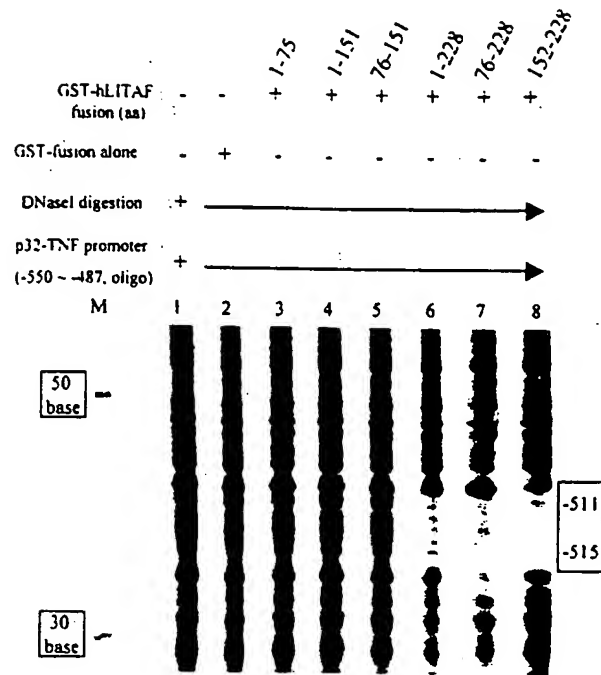


FIG. 2

FIG. 3

Title: NOVEL LITAF BINDING SITE PEPTIDES AND
METHODS OF USING THE SAME

Applicant(s): Amar et al

Client/Matter No.: 50047/019002

Filing Date: March 10, 2004

Serial No.: Not Yet Assigned

Page 4 of 14

Customer No.: 21559

4/14

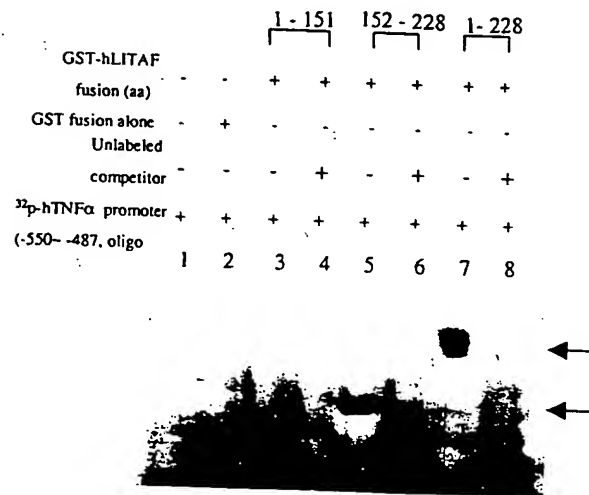


FIG. 4A

Title: NOVEL LITAF BINDING SITE PEPTIDES AND
METHODS OF USING THE SAME

Applicant(s): Amar et al

Client/Matter No.: 50047/019002

Filing Date: March 10, 2004

Page 5 of 14

Serial No.: Not Yet Assigned

Customer No.: 21559

5/14

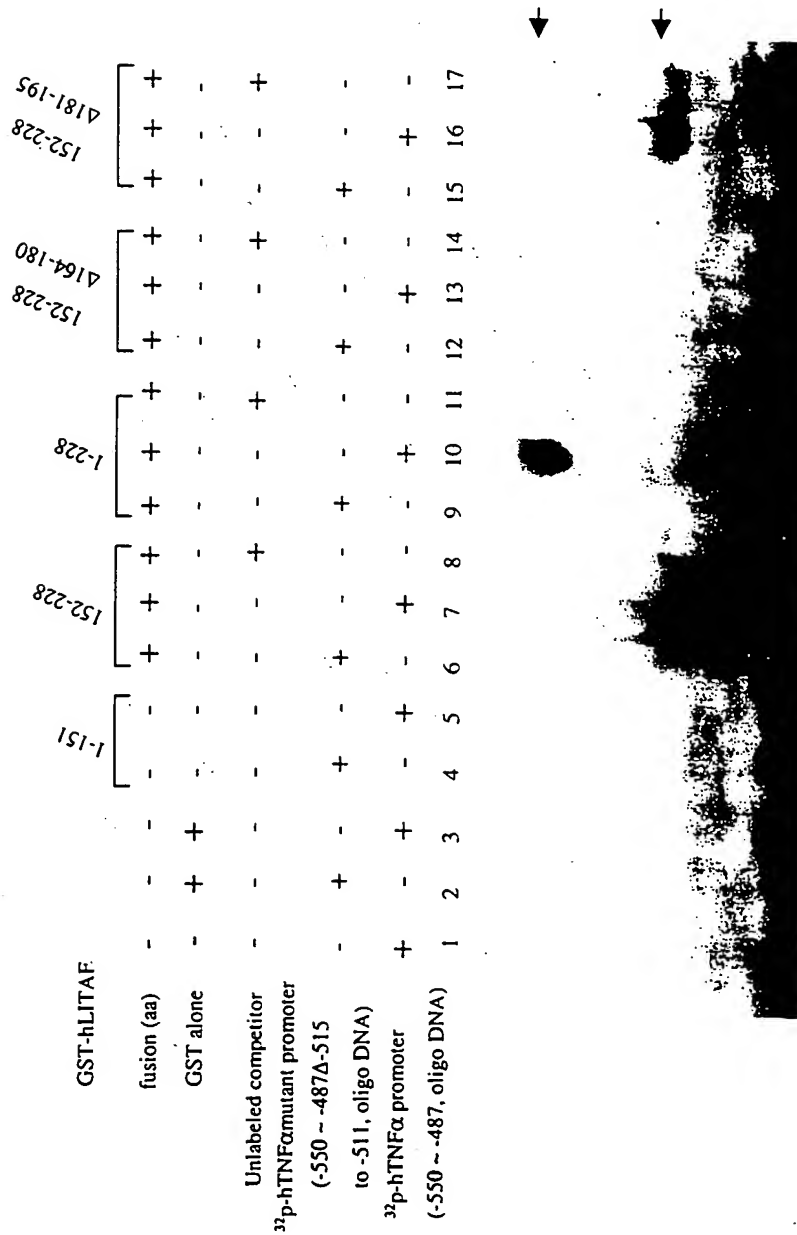


FIG. 4B

6/14

TNF- α secretion upon stimulation by HA peptide or
hLITAF peptide A, B, C for 24 hrs in THP-1 cells.

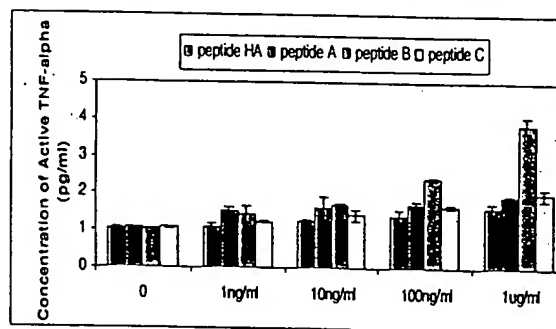


FIG. 5

7/14

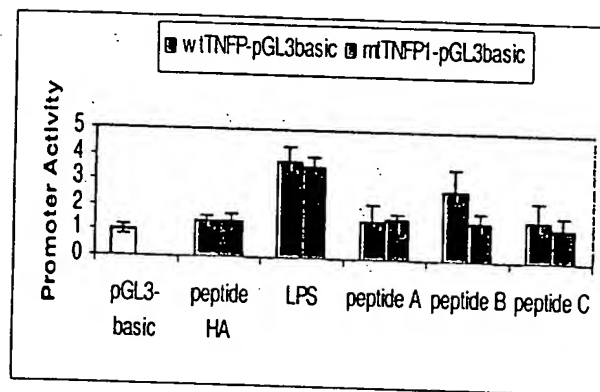


FIG. 6A

8/14

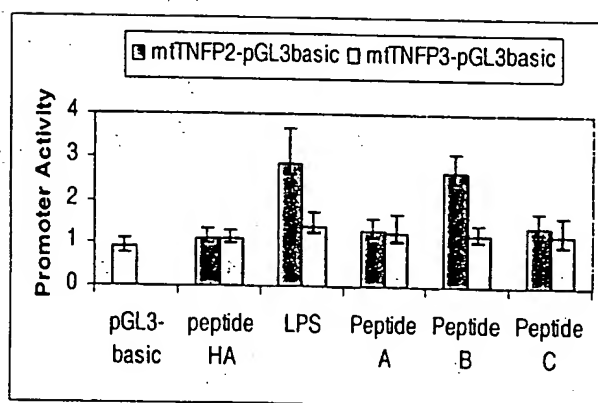


FIG. 6B

9/14

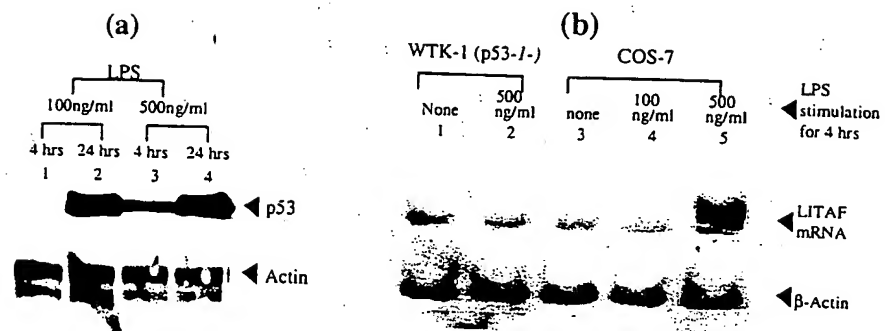


FIG. 7

10/14

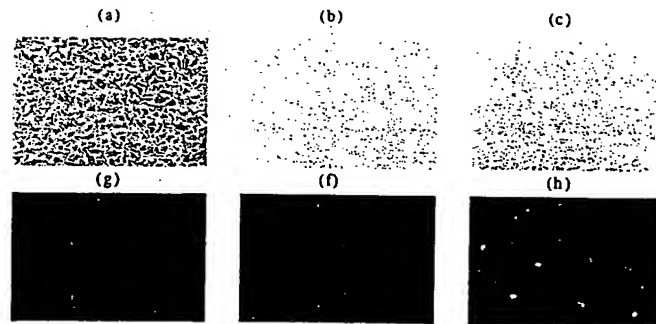


FIG. 8

11/14

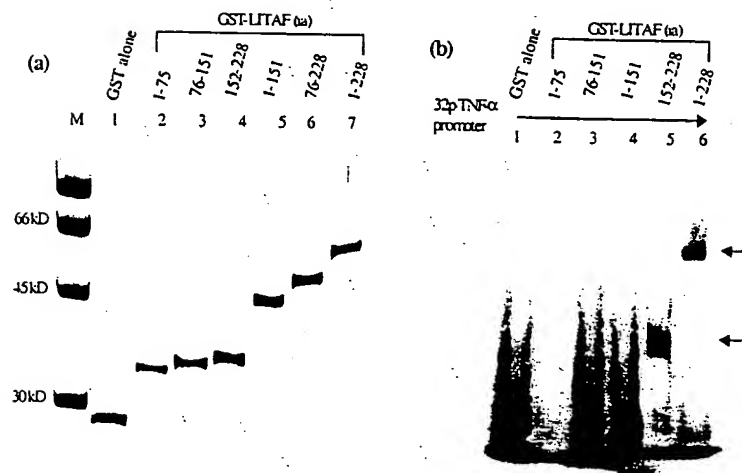


FIG. 9

12/14

TNF- α promoter/pGL3basic constructs.
The binding site of transcription factor
on promoter is indicated by " "

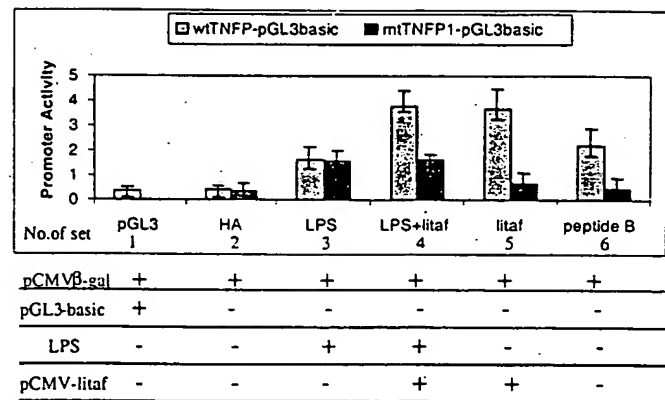
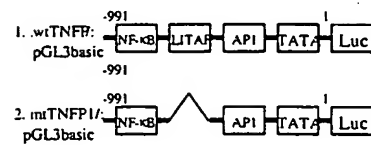


FIG. 10

13/14

<210> SEQ ID NO. 1:
<211> LENGTH: 228
<212> TYPE: PRT
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 1

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Pro Ser Tyr Glu Glu Thr Val Ala Val Asn	30
Ser Tyr Tyr Pro Thr Pro Pro Ala Pro Met	40
Pro Gly Pro Thr Thr Gly Leu Val Thr Gly	50
Pro Asp Gly Lys Gly Met Asn Pro Pro Ser	60
Tyr Tyr Thr Gln Pro Ala Pro Ile Pro Asn	70
Asn Asn Pro Ile Thr Val Gln Thr Val Tyr	80
Val Gln His Pro Ile Thr Phe Leu Asp Arg	90
Pro Ile Gln Met Cys Cys Pro Ser Cys Asn	100
Lys Met Ile Val Ser Gln Leu Ser Tyr Asn	110
Ala Gly Ala Leu Thr Trp Leu Ser Cys Gly	120
Ser Leu Cys Leu Leu Gly Val His Ser Gly	130
Leu Leu Leu His Pro Leu Leu Arg Gly Cys	140
Pro Ala Gly Arg Gly Pro Leu Leu Ser Gln	150
Leu Gln Ser Ser Pro Gly His Leu Gln Ala	160
Phe Val Gly Leu Ser Gln Thr Trp Arg Glu	170
Pro Gly Ala Ala Gly Ser Pro Phe His Leu	180
Ser Ser Ser Phe Thr Pro Gly Gly Gly Ser	190
Ala Leu Val Val Ser Pro Leu Gln Gly Ala	200
His Leu His Val Phe Phe Trp Gly Glu Tyr	210
Val Ala Lys Leu Thr Asn Leu Gln Thr Pro	220
Glu Ile Ala Ala Trp Ser Arg Ala	228

FIG. 11

14/14

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<210> SEQ ID NO. 2:
<211> LENGTH: 1773
<212> TYPE: DNA
<213> ORGANISM: Homo Sapiens
<400> SEQUENCE: 2

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accagctctt gggcccagac gccgctcacc gtccaccgcc ggtgctgggt aaaatgtcgg 240
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atgtagtctc acttaaaaaa aaaaaaaaaa aaa 1773
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FIG. 12